

NOTIFICATION OF ADDENDUM

ADDENDUM NO. 2

DATED 4/17/2009

Control	6184-18-001
Project	RMC - 618418001
Highway	US0081
County	WISE

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an addendum notification which details the changes and the respective proposal pages which were added and/or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped "This Proposal Issued for Informational Purposes."

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

SUBJECT: PLANS AND PROPOSAL ADDENDUMS

PROJECT: RMC - 618418001

CONTROL: 6184-18-001

COUNTY: WISE

LETTING: 05/01/2009

REFERENCE NO: 0417

PROPOSAL ADDENDUMS

_ PROPOSAL COVER

X BID INSERTS (SH. NO.: SHEET #3

)

X GENERAL NOTES (SH. NO.: CHANGE IN GENERAL NOTES: SHEET H

)

X SPEC LIST (SH. NO.: REMOVE SPECIAL SPEC 4191

)

_ SPECIAL PROVISIONS:

ADDED:

DELETED:

X SPECIAL SPECIFICATIONS:

ADDED:

DELETED: REMOVE SPECIAL SPECIFICATION 4191

X OTHER: CHANGED ITEM DESCRIPTION FOR 788 AND GENERAL NOTES

DESCRIPTION OF ABOVE CHANGES

(INCLUDING PLANS SHEET CHANGES)

REMOVED CFRP ITEMS 788 2002 AND 788 2003

ADDED ITEMS 788 2001 AND 788 2004

REMOVED SPECIAL SPECIFICATION 4191 AS A REFERENCE FROM THE SPEC LIST

REMOVED COMMENTS ON SPECIAL SPECIFICATION 4191 IN GENERAL NOTES ON PAGE
H OF THE GENERAL NOTES

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	162	2004		MULCH SODDING DOLLARS and CENTS	SY	1,300.000	1
	168	2001		VEGETATIVE WATERING DOLLARS and CENTS	MG	188.000	2
	500	2001	005	MOBILIZATION DOLLARS and CENTS	LS	1.000	3
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HAN- DLING DOLLARS and CENTS	MO	1.000	4
	508	2003		CONSTRUCTING DETOURS DOLLARS and CENTS	EA	2.000	5
	788	2001		CONCRETE BEAM REPAIR DOLLARS and CENTS	EA	1.000	6
	788	2004		CONCRETE BEAM REP(STRAND SPLICE) DOLLARS and CENTS	EA	1.000	7
	6834	2001		PORTABLE CHANGEABLE MESSAGE SIGN DOLLARS and CENTS	DAY	6.000	8

Project Number: RMC 618418001

Sheet A

County: WISE

Control: 6184-18-001

Highway: US 81

**** Specification Data ****

Basis of Estimate

Item	Description	Rate	Unit
166	Fert (16-8-8)	600 lb/acre**	Ton
168	Vegetative Watering	169,400 gal/acre	MG
340	Hot Mix (All Types)	115 lb/SY/in	Ton

Special Notes:

Plans are required.

Bid proposals for this project will be delivered to the **District Maintenance Contracting Office** at following address:

**Administration Annex Building
2501 SW Loop 820
Fort Worth, Texas 76133**

Personnel will be experienced in items of work in contract. Safety vests and hard hats will be pre-approved and worn at all times when outside vehicles within the work area.

Contract Prosecution: Each contract awarded by the Department stands on its own and as such, is separate from other contracts. A Contractor awarded multiple contracts must be capable and sufficiently staffed to concurrently process and/or execute all contracts at the same time.

Coordinate all work through the Area Engineer shown below or his representative:

Bill Nelson
1710 W. US 380
Decatur, Texas 76234
(940) 626-3400

General: Site Management

Do not mix or store materials, or store or repair equipment, on top of concrete pavement or bridge decks unless authorized in writing by the Engineer. Permission will be granted to store materials on surfaces if no damage or discoloration will result.

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Assume ownership of debris and dispose of at an approved location.

Calculating, Recording and Reporting Test Data - Use appropriate TxDOT Excel templates to calculate and record all test data. These forms are available on the TxDOT website at www.dot.state.tx.us/forms/construction.htm under the "SiteManager" heading. Submit test results within 24 hours of test completion by email or CD.

Single lane closures, except as otherwise shown in the plans, will be restricted to off-peak hours as defined in the following table:

Peak Hours		Off-Peak Hours	
6 to 9 AM Monday through Friday	3 to 6 PM Monday through Friday	9AM to 3PM and 6 PM to 6 AM Monday through Friday	All day Saturday and Sunday

Work that requires closure of multiple travel lanes in the same direction, except as otherwise shown in the plans, will be performed at night between the hours of 9:00 pm and 6:00 am.

Existing storm sewers and utilities are shown from the best available information. Verify the location of all underground facilities prior to starting work.

For dimensions of R.O.W. not shown on the plans, see R.O.W. map on file at the TxDOT District Office.

Provide all-weather surface for temporary ingress and egress to adjacent property, as directed. Materials, labor, equipment and incidentals necessary to provide temporary ingress and egress will not be paid for directly, but will be subsidiary to the various bid items.

In those instances where necessary, the governing slopes indicated herein may be varied from the limits shown, to the extent approved.

Locations and lengths of all private entrances are approximate only. The actual locations, lengths, lines, and grades are to be established in the field.

Take care that existing curb and curb and gutter is not discolored or damaged during construction operations. In the event of discoloration or damage, clean or repair as directed.

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Remove the grass from the crown of shoulders or pavement edges by blading or other approved methods. Payment for this work will not be made directly but shall be considered subsidiary to the various items of the contract.

Provide temporary drain openings at all low points or other drainage structures, as required, at the Contractor's expense.

Remove any obstructions to existing drainage due to the contractor's operations, as required, at the Contractor's expense.

Item 5. Control of the Work

When supplementary bridge plans, shop drawings, shop details, erection drawings, working drawings, forming plans or other drawings, are required, the drawings shall be prepared and submitted on sheets 8 1/2 by 11 inches, 17 by 22 inches, or full size drawings reduced to half scale if completely legible. If, in the opinion of the Engineer, the drawings are not completely legible, they shall be prepared and submitted on sheets 22 by 34 inches, with a one and one-half inch left margin, and a one-half inch top, right, and bottom margin.

All sheets submitted shall have a title in the lower right hand corner. The title shall include the sheet index data shown on the lower right corner of the project plans, name of the structure or element or stream, sheet numbering for the shop drawings, name of the fabricator and the name of the Contractor.

Item 7. Legal Relations and Responsibilities

Personal vehicles will not be parked within the right-of-way at any time, including any section closed to the traveling public.

Operations will be curtailed or halted during special events that may result in delays or congestion to the traveling public.

Item 8. Prosecution and Progress

Working days will be computed and charged in accordance with Article 8.3.A.3 Seven-Day Workweek.

There will be thirty (30) working days allowed to complete work.

Work is allowed to be performed during the nighttime. Nighttime work is defined as work performed between the hours of 8:00 PM and 5:00 AM, Sunday through Saturday, unless otherwise directed. Time will be charged the day work begins.

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Failure to complete a project in the working days specified in the work order, time charges will continue for each working day until work is complete. The amount assessed for liquidated damages will be based on the value of the original contract, in accordance with Special Provision 000-1493, not the estimated amount on individual work orders.

Provide Multi-Directional Lighting Device for nighttime work with the following quality requirements:

- Provide a 2000 watt (minimum) SIROCCO lighting balloon, Airstar lighting or equivalent
- It is the intent of the MDLD lighting to supplement the Portable Road Light and Power Unit used to illuminate work areas during night work hours.
- Provide MDLD units which can self-inflate and are capable of illuminating approximately 15,000 sq. ft.
- Provide MDLD units of 1.1 meter horizontal diameter and capable of withstanding 60 mph winds when fully inflated and operating.
- Provide MDLD units with two (2) 1,000 watt halogen bulbs recommended by the manufacturer.

Item 9 Measurement and Payment

Material on Hand will not be paid in accordance with Special Provision 009-002.

Item 132. Embankment

Do not provide Type B embankment material with a Plasticity Index (PI) higher than 35.

Item 162. Sodding for Erosion Control

Strip and stockpile existing soil and grass to a depth of 6" for the areas specified in the plans.

Spread existing stockpiled material to original location after removal of detours.

Item 166. Fertilizer

Fertilize all areas of project to be seeded or sodded.

Item 168. Vegetative Watering

Furnish and install an approved rain gauge at the project site, as directed. Furnishing and installation of the rain gauge will not be paid for directly, but will be considered subsidiary to Item 168.

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Apply vegetative watering for an establishment period of thirteen weeks following application of seed or installation of sod, at a rate of ½" of water depth per week (approximately 13,030 gallons per acre). During the first four weeks after seeding, apply watering twice per week, on non-consecutive days, each at half the weekly application rate. For the remainder of the establishment period, apply vegetative watering once per week during the months of January through June or September through December, at the weekly application rate; apply watering twice per week, on non-consecutive days during the months of July and August, each at one-half the weekly application rate.

Average weekly rainfall rates for the District are as follows:

January – 0.39"	April – 0.86"	July – 0.48"	October – 0.68"
February – 0.46"	May – 1.00"	August – 0.47"	November – 0.46"
March – 0.48"	June – 0.63"	September – 0.74"	December – 0.37"

Item 340. Dense Graded Hot Mix Asphalt (Method)

Use of RAP is allowed only for base and underlayment courses on this project.

RAP aggregate must meet the requirements of Table 1.

Dilution of tack coat is not allowed.

Provide aggregate with a surface aggregate classification value of B for the surface course of the travel lanes.

Provide a PG64-22 asphalt for the base course.

Furnish a CSS-1P for the tack coat on this project.

From Table 5:

The tensile strength is waived for this project.

Use the boil test, Test Method TEX-530-C, and provide only mixes that produce zero percent (0%) stripping for design verification and during production.

The requirements shown in Table 6 are waived for this project.

Include the approved mix design number on each delivery ticket.

Place mixture when the roadway surface temperature is equal to or higher than the temperatures listed in Table 10 unless otherwise approved or shown on the plans. Measure the roadway surface temperature with a handheld infrared thermometer. The Engineer may allow mixture placement to begin prior to the roadway surface reaching the required temperature requirements

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if conditions are such that the roadway surface will reach the required temperature within 2 hrs. of beginning placement operations. Unless otherwise shown on the plans, place mixtures only when weather conditions and moisture conditions of the roadway surface are suitable in the opinion of the Engineer.

Table 10
Minimum Pavement Surface Temperatures

	Minimum Pavement Surface Temperatures in Degrees Fahrenheit	
High Temperature Binder Grade	Subsurface Layers or Night Paving Operations	Surface Layers Placed in Daylight Operations
PG 64	45	50
PG 70	55 ¹	60 ¹
PG 76	60 ¹	60 ¹
PG 76	65 ¹	70 ¹
Asphalt Rubber (A-R)	65 ¹	70 ¹

Note 1: Contractors may pave at temperatures 10°F lower than the values shown in Table 10 when utilizing a paving process or equipment that eliminates thermal segregation. In which cases, the contractor must use either an infrared bar attached to the paver, or a hand held thermal camera, or a hand held infrared thermometer operated in accordance with Test Method 244-F to demonstrate to the satisfaction of the engineer that the uncompacted mat has no more than 10°F of thermal segregation.

Item 421. Hydraulic Cement Concrete

The strength testing equipment for concrete will be capable of producing an electronic printout of the test results.

Include the approved mix design number on each delivery ticket.

Item 427. Surface Finishes for Concrete

Provide a one rub finish to the following listed elements: Beam Repairs

Item 502. Barricades, Signs, and Traffic Handling

Maintenance of roadways, not paid as "constructing detours", and designated in the traffic control plan to carry traffic, will be the responsibility of the Contractor and will be paid for by "Contractor Force Account or Agreed Unit Price".

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Permanent signs may be installed when construction in an area is complete and they will not be in conflict with the traffic control plan for the remainder of the job.

Existing signs are to remain as long as they do not interfere with construction and they do not conflict with the traffic control plan.

Any sign not detailed in the plans but called for in the layout shall be as shown in the current "Standard Highway Sign Designs for Texas".

When traffic is obstructed, arrange warning devices in accordance with arrangements indicated in the latest edition of the "Texas Manual on Uniform Traffic Control Devices".

Cover or remove any work zone signs when work or condition referenced is not occurring.

Equip vehicles and equipment with at least one (1) omni-directional flashing amber warning lamp. Mount a warning lamp on the vehicles in such a manner as to allow clear visibility from all directions. Equipment such as trucks, trailers, autos, etc, will be equipped with emergency flashers and the flashers will be used within the work zone. Equipment and vehicles will be approved prior to use. Flashing Arrow Panel Boards will be Type C for this project.

Shadow vehicles equipped with Truck-Mounted Attenuators (TMA's) are required as shown on all Traffic Control Plan (TCP) Standards and are considered incidental to Item 502. Striping will be required on the back panel of truck mounted attenuators, and will be 8 inches of red and white stripes placed on an inverted "V" design. Sheeting will conform to departmental material Specification D-9-8300, Type "C".

Provide letter stating that all truck-mounted attenuators (TMA's) used on this project have been proven to be crashworthy using the criteria in the National Cooperative Highway Research Program (NCHRP) Report 350.

Provide full-time, off-duty, uniformed, certified peace officers as part of traffic control operations. The peace officers must be able to show proof of certification by the Texas Commission on Law Enforcement Officers Standards. The timing and use of the officers shall be incorporated into the traffic control plan and will be paid for by Force Account. Contact Rex Hoskins (940-627-1500) of the Decatur Police Department.

Item 506. Temporary Erosion, Sedimentation, and Environmental Controls

The SW3P for this project shall consist of using the following item as directed:

Temporary sediment control fence

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Remove accumulated sediment and/or replace SW3P controls when the capacity has been reduced by 50% or when the depth of sediment at the control structure exceeds one foot.

Item 6834. Portable Changeable Message Signs

All portable changeable message signs and arrow panels are to be provided with a photoelectric device to allow for automatic dimming of operations to approximately 50% of their normal brightness when ambient light drops to approximately five footcandles, and then increase back again for daytime operations.

Two (2) electronic portable changeable message sign unit(s) will be required. Individual or collective use of signs will be required by Engineer when deemed necessary to supplement the traffic control plan.

Each sign shall be programmed in its permanent memory the following 15 messages:

1. Exit Closed Ahead
2. Use Other Routes
3. Right Lane
4. Left Lane
5. Closed Ahead
6. Two Lane
7. Detour Ahead
8. Thru Traffic
9. Prepare To Stop
10. Merging Traffic
11. Expect 15 Minute Delay
12. Max Speed ** MPH
13. Merge Right
14. Merge Left
15. No Exit Next ** Miles

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TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT
ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF
----- TRANSPORTATION JUNE 1, 2004.
STANDARD SPECIFICATIONS ARE INCORPORATED
INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 162 SODDING FOR EROSION CONTROL (166)(168)
ITEM 168 VEGETATIVE WATERING
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 508 CONSTRUCTING DETOURS
ITEM 788 CONCRETE BEAM REPAIR (426)(427)(429)(441)(442)(780)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE
----- PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED
HEREON WHEREVER IN CONFLICT THEREWITH.

SPECIAL PROVISION "SCHEDULE OF LIQUIDATED DAMAGES" (000--1493)
SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS"
(000---011)
SPECIAL PROVISION TO ITEM 1 (001---011)
SPECIAL PROVISION TO ITEM 2 (002---017)
SPECIAL PROVISION TO ITEM 3 (003---023)
SPECIAL PROVISION TO ITEM 4 (004---013)
SPECIAL PROVISION TO ITEM 5 (005---004)
SPECIAL PROVISION TO ITEM 6 (006---030)
SPECIAL PROVISIONS TO ITEM 7 (007---213)(007---445)
SPECIAL PROVISIONS TO ITEM 9 (009---002)(009---012)(009---015)
SPECIAL PROVISION TO ITEM 166 (166---001)
SPECIAL PROVISION TO ITEM 500 (500---005)
SPECIAL PROVISION TO ITEM 502 (502---033)

SPECIAL SPECIFICATIONS:

ITEM 6834 PORTABLE CHANGEABLE MESSAGE SIGN

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH
----- PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER
PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-
LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL
PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFI-
CATIONS FOR THIS PROJECT.